

Application No.: Not Yet Assigned

Docket No.: 2611-0231PUS1

### ABSTRACT

A reception processing unit measures reception states of input reception signals of each of a plurality of channels, generates local channel reception information, and applies a reception processing to the input reception signals to generate decoded signals. A media-access-control unit generates transmission frames for each of the channels using transmission data. A transmission processing unit generates radio signals including each of the transmission frames. A channel-information processing unit generates local feedback information, and inserts the local feedback information generated into at least one of the radio signals that are transmitted by the radio communication apparatus.